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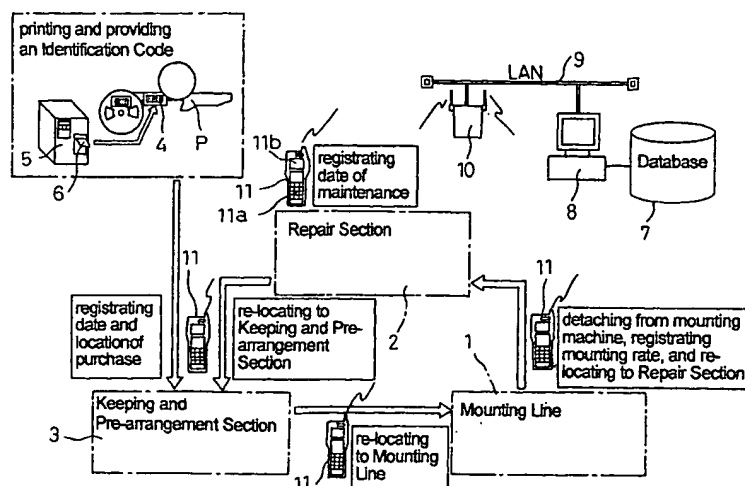
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(54) Title: MANAGEMENT METHOD AND SYSTEM FOR DEVICE REQUIRING MAINTENANCE



(57) Abstract: A management method for a device such as a parts cassette (P), which is mounted on or attached to a given apparatus such as a component-mounting machine and is to be removed for maintenance such as keeping, inspection, and repair, is provided. The management method includes: storing maintenance data for each parts cassette (P) in a data management unit (8) and its database (7) to be recordable and readable; giving an identification code (4) such as a barcode to each parts cassette (P); reading a barcode (4) of a parts cassette (P) and inputting and outputting the read barcode (4) together with information required for maintenance by means of a mobile terminal (11); sending and receiving the maintenance data between the mobile terminal (11) and the data management unit (8) via a PHS radio relay device (10). Since the management method enables maintenance of the parts cassette (P) or the like to be performed by means of the mobile terminal (11), it is possible to easily manage the location and history of the device requiring maintenance, such as the parts cassette (P).

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F G05B G07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/31717 A (METSO PAPER, INC; LIIRI, SAMI; MAEKI, KARI) 18 April 2002 (2002-04-18) the whole document	1-8
A	WO 96/27171 A (UNITED PARCEL SERVICE OF AMERICA, INC) 6 September 1996 (1996-09-06) the whole document	1-8
A	US 6 658 311 B1 (DOBA EIJI) 2 December 2003 (2003-12-02) the whole document	1-8
A	US 6 006 171 A (VINES ET AL) 21 December 1999 (1999-12-21) the whole document	1-8
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 1 128 245 A (MURATA KIKAI KABUSHIKI KAISHA) 29 August 2001 (2001-08-29) the whole document</p> <p>-----</p>	1-8